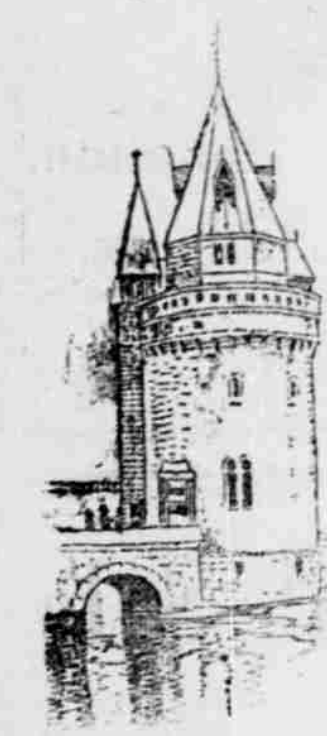


## LIVERPOOL'S PURE WATER.

It Comes from Wales and is Not Equalled in the World.

The problem of water supply is one of the great difficulties that all cities have to confront. Some of them have not solved it yet, but it seems that Liverpool has of late made a greater success than any other of the well known and long established cities of the world.



THE STRAINING TOWER.

The plan of the engineer in charge was to construct an embankment across the mouth of the valley to intercept the water of the Vyrnwy and store it. The result has been to create a lake 42 miles in length and from a quarter to three-eighths of a mile in width. The embankment or dam is 1,172 feet in length. The water is led from the lake through a large straining tower built on a projecting piece of ground. No water can reach this point until it has been in the lake a considerable time. This building is fitted with straining appliances of the most ingenious design, and the water is allowed to pass into the aqueduct only after having first gone through copper wire gauze having 14,000 meshes to the square inch, and with an aggregate area of 2,084 square feet.

The aqueduct consists chiefly of tunnels, through which the ultimate supply of 40,000,000 gallons a day may be passed without filling them, and three lines of pipes varying in diameter from thirty-nine to forty-nine inches. Throughout the greater part of their length the pipes are buried beneath the ground, and where this is not the case they are carried on archways or led through subways. On the line are four balancing reservoirs and filtering beds.

In the construction of the viaduct many obstacles were encountered—railways, canals and rivers. The crossing of the River Weaver was a formidable task, three pipes being laid at once without obstructing the traffic.

The crowning feat of the engineer, however, was the construction of the tunnel under the Mersey at Liverpool, through which pipes conveying the water are led.

The cost of the enterprise when all the details are completed will be \$10,000,000.

## "ZONA TORRIDA."

How the Mexicans Have Located the Tropic of Cancer.

The Kansas City Times says that a Brooklyn doctor who recently visited Mexico took a snap shot on his way south at the Tropic of Cancer. This imaginary line is marked where the railroad crosses it by a pyramid that was built in 1891. The idea was suggested by Governor Guiterrez, of the state of San Luis Potosi, and under his energetic initiative the pyramid was soon built. It is about fifteen feet in height, and the longitudinal center of its base is supposed to coincide with the Tropic of Cancer.

On one side of the pyramid are the words "Tropico de Cancer; Zona Torrida." On the other side is an inscription to the effect that the pyramid was erected in 1891 under the direction of Don Tomas Milan, the superintendent of the Mexican National railroad. In South America there is near the coast a series of stone pillars extending for some distance, showing the position of the equator.

All passenger trains on the Mexican Central pause a minute at this pyramid to enable passengers to look at the spot where they leave one geographical zone and pass into another. As a matter of fact, however, the country where the Tropic of Cancer crosses the railroad is far more temperate in climate than it is northern Mexico and southern Texas.

The railroad has been carried up grade until it has reached the elevated plateau of central Mexico, where wheat and other products peculiar to cool, temperate climates are grown, as well as many subtropical products. All who see the Tropic of Cancer pyramid, therefore, may derive from it the interesting information that a temperate or tropical climate does not depend entirely upon distance from the equator, but is largely influenced by elevation above the sea. And the great Mexican plateau, on account of its lofty altitude, is a more temperate region than a larger territory north of it, just as the great plateau of southern Africa, extending far north, carries a comparatively temperate climate far toward the equator.

The First Pilgrim a Woman. Elizabeth Cady Stanton says that the first pilgrim to set foot on Plymouth Rock was a woman. It was true that she was carried ashore seated on the joined hands of men who waded through the water from the boat, but she was the first person to land at the present site of Newark was also a woman. She, too, was carried ashore.

The Illustrated Tourists' Guide. That popular work, "THE TOURISTS GUIDE THROUGH THE HAWAIIAN ISLANDS," is meeting with a steady sale both at home and abroad. Tourists and others visiting these islands should be in possession of a copy of it. It is a perfect mine of information relating to the scenes and attractions to be met with here. Copies in wrappers can be had at the publication office, 46 Merchant street, and at the News Dealers. Price 60 cents.

The Chinese Times. I AM ON, FORMERLY REPORTER and Collector of The Chinese Times has resigned of which all persons having business with that paper will please take notice. Lee Chu is from this date the authorized Collector to transact all the business of the said paper. The office of the Times has been removed to 37 King Street. Mutual Telephone 385.

Home Cooking. NICE HOMEMADE CAKE, PLAIN and Fancy, made to order in quantities to suit. Also Nice Mayonnaise from the best of materials. 116 BERETANIA ST., 3303-1m Bell Telephone 169.

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## JIM DIDN'T WORRY.

Nobody never quite made out Jim. "Peared like they allers jest thought him queer. And kinder cranky and laughed at him. When Jim would tell 'em he didn't keer. 'Don't make no difference,' I've heard him say. An most folks called him a jolly brack—'It's a tough o' world, an' I'll have it my way.' 'Tain't worryin' me—I've got no kick."

But I knowed better. He's come to me many's the time heartick an' sore—'I'm tired of the whole outfit,' sez he. 'They ain't no use ever tryin' no more.' An' then he'd he'd peak up again. An' sorter sneer at the deals he'd git—'That? That's nothin'! Why bless your heart, I ain't a worryin' a little bit.'

Jim was onlucky, no use to talk. Folks wondered sometimes at the way he done. But I know w'y he used to balk. An' give up sartin he'd jest begun. His back had been broke by circumstance. An' allers onlucky, he'd los' his grit. But still he'd laugh—'I ain't a no chance. But I ain't a worryin' a little bit.'

So Jim went a laughin' right down to death. And he let go o' life not keerin' a darn; 'Fardner,' sez he, kinder catchin' his breath. 'As I not watchin' with the night on the turn. 'I hadn't had much of a deal down here, and I ain't askin' now for a softer sit; I'm jest a lettin' go, bend lower, I've hear? I ain't a worryin' now—not a little bit.'—Seattle Post-Intelligencer.

## The God of the Gypsies.

The gypsies know nothing whatever of heaven or a future state of rest for the righteous dead, their vocabulary having no word that conforms with our words "paradise," "heaven," "beautiful city," etc. They know of a god which they call "devel" and of a devil called "beng." "Beng" has a horn or an abiding place, called "bengipe," but their "devel," or god, "hath not where to lay his head," and is only recognized as a wandering spirit floating about in the upper regions of the air. They have a mortal terror of both "beng" and "devel," but this does not prevent them from cursing both god and devil whenever anything goes wrong. They believe "beng" to be much superior to the "devel," not only in point of physical proportions, but in his powers over the world and the human race, as well as in his greater intellectuality. "Devel" can be exorcised with pure cold water, but "beng" will take nothing short of brandy or wine. Edgar Wake man and other experts in gypsy lore believe that they were the original fire worshippers, and cite many facts to prove the correctness of their conclusions.—St. Louis Republic.

## A Miser's Last Wish.

A Greek died in the small town of Cambré, having always lived on the alms of his compatriots. Before dying he made his wife swear that she would bury him in the dirty old overcoat which he wore every day. The poor woman had to ask the Greeks of Cambré to help her to provide the costs of the funeral. A good hearted Greek went to see her in her affliction, and pointing to the body said he would give her a better coat to bury the man in. Then she told him of the dead man's last wish. The Greek, whose suspicions were awakened, told her that she should certainly not part with the body before she had well examined the coat, for there must be some particular reason for the request. The widow unpicked the lining of the overcoat and found 25,000 francs in bank notes which the miser wished to take into the grave with him.—Vienna Cor. London News.

## The Danger of Omiciding.

Many a poor young man seeks a government clerkship in order that he may earn his support while he is studying his profession. He is playing with fire. He is taking up as a staff that which is likely to become necessary to him as a crutch. He is in danger of discovering, when his profession is learned, that he has not the moral courage to drop his government stipend. It would have been infinitely better—it might have been his making—if he had toiled for scantier dollars in a manly way.—Harper's Weekly.

## The Shape of Sea Fowls' Eggs.

Sea fowls' eggs have one remarkable peculiarity. They are nearly conical in form, broad at the base and sharp at the point, so that they will only roll in a circle. They are laid on the bare ledges of high rocks, from which they would almost surely roll off save for this happy provision of nature.—Boston Transcript.

## A Sharp Bargain.

A valuable diamond, which Hui Carpenter, of Columbia county, N. Y., wears in his shirt bosom, was purchased by him years ago in the Orinoco river region in South America for two boot legs of plug tobacco, which the natives valued more highly than gems.—Chicago Herald.

## The Prickly Pear.

The prickly pear of Africa is so tenacious of life that a leaf, or even a small portion of a leaf, if thrown on the ground, strikes out roots almost immediately and becomes the parent of a fast growing plant.

The search for the golden fleece had not for its sole object the conquest of a mine, or a precious fleece, or to rob the treasure so carefully heaped by the avareicious Aetes.

Champagne owes its quality to the soil, a mixture of chalk, silica, light clay and oxide of iron, and to the great care and delicate manipulation in manufacture.

A book of a thousand pages could be written on "Wonders and Curiosities Respecting the Crab Family," and each chapter made appropos to the title too.

Nonnus, a Roman senator, absolutely preferred exile to parting with a brilliant opal of the size of a filbert, which was earnestly coveted by Mark Antony.

When the young king of Spain has been a bad boy he is taken to church instead of being allowed to spend the Sunday in seeing a bull fight.

## The Chinese Times.

I AM ON, FORMERLY REPORTER and Collector of The Chinese Times has resigned of which all persons having business with that paper will please take notice. Lee Chu is from this date the authorized Collector to transact all the business of the said paper. The office of the Times has been removed to 37 King Street. Mutual Telephone 385.

THE PROPRIETORS. Honolulu, March 2, 1893. 3313-1w

## New Advertisements.

## "KA MAILE,"

PORT STREET.

Makes a specialty of Children's Clothing, and is prepared to do stamping neatly and reasonably, and fancy work in all its branches. Keeps on hand a full line of fancy work materials.

## JENNESS-MILLER WAISTS

Corset Covers, Children's Hats, Boots and Clothing of every description; THE CELEBRATED CHAIR HAMMOCKS.

## Round Lawn India Mats

Just the thing for Luau and Garden Parties; Ferns and many other articles useful to children and adults.

Ka Maile being a CASH STORE, prices are made to suit the times. Island orders filled carefully.

## "KA MAILE,"

PORT STREET.

Mutual Telephone 181.

3028-1f

## NEW GOODS.

Just arrived ex Palmas a fine assortment of Matting, Camphor Trunks, Rattan Chairs and Tables, Silk Shawls and Handkerchiefs, White Chinese Linen, White and Colored Silk in Rolls, Fine Teas, Fine Manila Cigars, Chinese and Japanese Provisions!

And a general assortment of Groceries, which we will sell at the very lowest price. Fresh Goods by every steamer from California and China.

## WING MOW CHAN,

No. 64 KING STREET,

3124-q Near Maunakea.

## THE

## SECOND

## EDITION

## Brief

## History

## Of

## The

## Revolution

## Is

## Now

## Out.

The second edition contains in addition to the features of the first publication, a full account of the raising of the stars and stripes over the Government Building, which makes the history complete.

Send a copy to your friends abroad on the outgoing mail.

Single Copy 25c

By the Dozen \$2.50

## Notice.

ALL ACCOUNTS OWING THE Fashion Stables Co., Ltd. of over three months standing, if not paid by the 31st of March 1893, will be placed in the hands of a collector.

J. J. SULLIVAN, President Fashion Stables Co., Ltd. 3319-1m

## Home Cooking.

NICE HOMEMADE CAKE, PLAIN and Fancy, made to order in quantities to suit. Also Nice Mayonnaise from the best of materials. 116 BERETANIA ST., 3303-1m Bell Telephone 169.

## New Advertisements.

## JOHN NOTT,

—IMPORTER AND DEALER IN—



Steel and Iron Ranges, Stoves and Fixtures,

HOUSEKEEPING GOODS AND KITCHEN UTENSILS.

AGATE WARE IN GREAT VARIETY.

White, Gray and Silver-plated.

RUBBER HOSE.

LIFT AND FORCE PUMPS, WATER CLOSETS, METALS.

Plumbers' Stock, Water and Soil Pipes.

Plumbing, Tin, Copper and Sheet Iron Work.

DIAMOND BLOCK, 95 and 97 KING STREET.

## EGAN &amp; GUNN

100 FORT STREET - - BREWER'S BLOCK

Have just Received a Choice Line of

## JAPANESE GOODS!

Including Silk Shirts, Silk Pajamas, Custom Made Crape Shirts with Tie to match, All sizes 14 to 18.

Cotton Crapes, a full line in printed patterns and Stripes; Crape Suits, Coat, Vest and Pants \$7.50 per Suit; Ladies' and Gent's Kimonos in Silk and Cotton Crape, Silk Window Curtains, Silk Sashes, all Shades; Silk Daily and Table Covers.

If you wish a selection of these Goods, call early. We call special attention to our fine line of Felt Hats which we are closing out at \$2.50 each. Goods well worth \$5.

## B. F. EHLERS &amp; CO.,

99 - - - - - Fort Street.

AFTER TAKING STOCK,

All Kinds of Curtains in White, Cream &amp; Colored

at half the former cost.

Velvet and Smyrna Rugs

in all sizes, greatly reduced.

WOOLEN GOODS IN PLAIN, STRIPPED AND PLAIDS

In fact we offer immense bargains in all Departments.

Dressmaking under the management of Miss K. Clark

## H. S. TREGLOAN &amp; SON.

## GREAT REDUCTION

## Clothing! Clothing!!

## Cash Prices! Cash Prices!!

200 Pairs of Pants made to order at \$6.50 a pair.

100 Suits made to order at \$22.50 a Suit.

## GOODS AND FIT!

WARRANTED AS REPRESENTED

## H. S. TREGLOAN &amp; SON.

## The Daily Advertiser

50 CENTS PER MONTH.

## General Advertisements.

The Yost  
WRITING MACHINE.

Years ago, Mrs. Yost built a typewriter, the Remington No. 2 and Caligraph which were good enough then. But the family has increased by thousands. Other folks have hitched on extensions to hold 'em. But it's the same old typewriter, same ribbon, same scales, same rickety print. We want something modern, and we get it in the NEW Yost, which rises superior to the difficulties of any ribbon machine. The ribbon blurs print, wears full of holes, clogs type, takes power to pull it along, weakens manifolding and costs \$8 or \$10 a year. Our ink pad outlasts twenty ribbons. Can be changed in ten seconds, and costs less than \$2 a year. And as to permanent alignment the Yost is the only machine which accomplishes this much desired feat.

## Hawaiian

## News

## Company,

SOLE AGENTS, HONOLULU.

## NEW GOODS

A Fine Assortment.

## TILES FOR FLOOR

And for Decorating Purposes;

MATTING OF ALL KINDS,

MANILA CIGARS.

Chinese Fire Crackers, Rockets and bombs, Japanese Provision and Soy.

Hand-painted Porcelain Dinner Set.

A few of these fine hand-embroidered

SILK and SATIN SCREENS,

EBONY FRAMES,

Assorted colors and patterns of Crepe

Shawls, elegant dresses, etc., and

Sausers. A fine lot of

## BOATS AND ACCESSORIES

A few of these handy Mosquito Uans,

Also, an assortment of new styles of

Rattan Chairs and Tables

Also, a small selection of JAPANESE

COSTUMES.

## WING WO CHAN &amp; CO.

No. 22 Nuuanu Street.

2651-q

## The Hawaiian Newspapers

DAILY AND WEEKLY

## KUOKOA

With a combined Circulation of

4,000 COPIES

Furnish the best medium for

advertising in the Hawaiian

language, and are the only

recognized leading Journals.

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subscriptions received at the

office of the

Hawaiian Gazette Co.,

46 MERCHANT STREET,

Honolulu.

## HAWAIIAN

## Pork Packing Co.

The above Company is prepared

to buy

## HAWAIIAN HOGS!

In any quantity at Highest Market

Price.

Pigs for Roasting, Dressed or on

Foot.

—Manufacturers of—

Extra Leaf Lard,

Guaranteed pure, and made under the

inspection of the Board of Health.

Post Office Box 314; Mutual Tel.

66.

Slaughter Yards and Pens, Iwilei.

Office, 55 Hotel st., near Nuuanu.

Notice

DURING MY TEMPORARY AB-

sence from the Islands, Charles T.

Wilder has full power of attorney to act

for the firm of Wilder &amp; Co., and also in

any personal matters.

3251-1f W. C. WILDER.

## General Advertisements.

## The Markets of San Francisco

ARE BROUGHT TO YOUR DOORS

—By means of the—

## EXAMINER

## Purchasing - Bureau

Which is operated directly by the

## Greatest of all Newspapers

—THE—

## San Francisco

## EXAMINER

We are constantly making Purchases

—for the—

## Residents of Hawaii.

Don't you Need Something from

San Francisco?

If so

WRITE TO US ABOUT IT!

We can save you money; our buyers have secured hundreds of special contracts which enables — us to offer —

Watches, Jewelry, Silverware, Musical Instruments, Furniture, Clothing, Dress Goods, Agricultural Implements, and THOUSANDS OF OTHER ARTICLES

At prices which will astonish you.

A Letter will do it all.

Write us for quotations on any-

thing you may need.

YOU CAN SEE THE ADVANTAGES

of purchasing through us.

We are buying for our customers at

wholesale and you reap the benefit.

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The Examiner Purchasing Department

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